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[L. Burgstahler, K. Dolzer, C. Hauser, J. Jähnert, S. Junghans, C. Macián, W. August 2003 RI PQoS '03: Proceedings of the ACM SIGCOMM workshop on What have we learned, why do we care?](#)

Publisher: ACM

 Full text available: [Pdf](#) (207.99 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

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Years of research on QoS architectures for IP networks have delivered s proposals, which have nevertheless not found broad commercial use. Th lack of technical soundness or insurmountable technological complexity,

Keywords: Internetworking, Next Generation Internet, QoS

2 [A transmission control scheme for media access in sensor networks](#)
[Alec Woo, David E. Culler](#)
 July 2001 MobiCom '01: Proceedings of the 7th annual international confe computing and networking

Publisher: ACM

 Full text available: [Pdf](#) (460.40 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

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[We study the problem of media access control in the novel regime of se where unique application behavior and tight constraints in computation energy resources, and radio technology have shaped this design space 1](#)
3 [Loss concealment for multi-channel streaming audio](#)
[Rishi Sinha, Christos Papadopoulos, Chris Kyriakakis](#)
 June 2003 NOSSDAV '03: Proceedings of the 13th international workshop operating systems support for digital audio and video

Publisher: ACM

 Full text available: [Pdf](#) (603.22 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

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With the advent of high-speed networks such as Internet2, high quality transmission of multi-channel audio streams has become possible. For i applications, such as a distributed musical performance, minimizing late paramount ...

Keywords: immersive audio, loss concealment, multi-channel, real-tim

4 [Internet routing instability](#)

[Craig Labovitz](#), [G. Robert Malan](#), [Farnam Jahanian](#)

October 1998 | IEEE/ ACM Transactions on Networking (TON) , Volume 6 I:


Publisher: IEEE Press

Full text available:  Pdf (277.43 KB) Additional Information: [full citation](#), [references](#), [cite](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 99, Citation


Keywords: communication system, communication system routing, coi internet, routing, stability

5 [A framework for constructing features and models for intrusion detec](#)

 [Wenke Lee](#), [Salvatore J. Stolfo](#)

November 2000 Transactions on Information and System Security (TI
Issue 4

Publisher: ACM

Full text available:  Pdf (187.03 KB) Additional Information: [full citation](#), [abstract](#), [refere](#)
[terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 81, Downloads (12 Months): 587, Citatio

Intrusion detection (ID) is an important component of infrastructure pro mechanisms. Intrusion detection systems (IDSs) need to be accurate, a extensible. Given these requirements and the complexities of today's ne environments, ...

Keywords: data mining, feature construction, intrusion detection

6 [Recursive copy generation for multicast ATM switching](#)

[Fabrizio Sestini](#)

June 1997 | IEEE/ ACM Transactions on Networking (TON) , Volume 5 Issue

Publisher: IEEE Press

Full text available:  Pdf (167.72 KB) Additional Information: [full citation](#), [references](#), [cite](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 16, Citation (


Keywords: ATM switches, multicast, recursive copy generation

7 [The effects of systemic packet loss on aggregate TCP flows](#)

[Thomas J. Hacker](#), [Brian D. Noble](#), [Brian D. Aihey](#)

November 2002 Supercomputing '02: Proceedings of the 2002 ACM/IEEE
Supercomputing


Publisher: IEEE Computer Society Press

Full text available:  Pdf (375.56 KB) Additional Information: [full citation](#), [abstract](#), [referet](#)
[terms](#)


Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 39, Citation (

The use of parallel TCP connections to increase throughput for bulk transfer practice within the high performance computing community. However, the fairness, and efficiency of data transfers across parallel connections is u

8 [A parallel, incremental and concurrent GC for servers](#)

 [Yoav Ossia, Ori Ben-Yitzhak, Irit Gofri, Elliot K. Kolodner, Victor Leikehman,](#)
June 2002 PLDI '02: Proceedings of the ACM SIGPLAN 2002 Conference on
language design and implementation

Publisher: ACM

Full text available:  [Pdf](#) (231.80 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 51, Citation (


Multithreaded applications with multi-gigabyte heaps running on modern new challenges for garbage collection (GC). The challenges for "server-side" include: ensuring short pause times on a multi-gigabyte heap, while min

Keywords: JVM, Java, concurrent garbage collection, garbage collection, garbage collection, weak ordering

Also published in:

May 2002 SIGPLAN Notices Volume 37 Issue 5

9 [PC based precision timing without GPS](#)

 [Attila Pásztor, Darryl Veitch](#)
June 2002 SIGMETRICS '02: Proceedings of the 2002 ACM SIGMETRICS international conference on Measurement and modeling of computer systems

Publisher: ACM

Full text available:  [Pdf](#) (500.66 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 99, Citation

A highly accurate monitoring solution for active network measurement in the need for GPS, based on an alternative software clock for PC's running respect to clock *rate*, its performance exceeds common GPS and NTP systems

Keywords: GPS, NTP, network measurement, pc clocks, software clock timing

Also published in:

June 2002 SIGMETRICS Performance Evaluation Review Volume 30 Issue 1

10 [A time-slotted-CDMA architecture and adaptive resource allocation for connections with diverse QoS guarantees](#)

[Samar Singh, Satish K. Tripathi](#)
September 2003 *Wireless Networks*, Volume 9 Issue 5

Publisher: Kluwer Academic Publishers

Full text available:  [Pdf](#) (249.70 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 55, Citation

We consider a time-slotted W-CDMA system for mobile stations which access the wired internet. We first present an architecture for such a system that uses a request-permission protocol incorporating power control for "Best Effort

Keywords: QoS guarantees, S-CDMA, bandwidth-sharing, transmission scheduling, wireless MAC

11 [Asymptotically optimal geometric mobile ad-hoc routing](#)



Fabian Kuhn, Roger Wattenhofer, Aaron Zollinger

September 2002 DI ALM '02: Proceedings of the 6th international workshop on algorithms and methods for mobile computing and communication

Publisher: ACM

Full text available: Pdf (209.44 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 56, Citation (

In this paper we present AFR, a new geometric mobile ad-hoc routing algorithm. The algorithm is completely distributed; nodes need to communicate only with their neighbors in their transmission range. We show that if a best route has

Keywords: ad-hoc networks, face routing, geometric routing, routing, wireless communication

12 [Advocating a remote socket architecture for internet access using wi](#)

M. Schläger, B. Rathke, A. Wolisz, S. Bodenstein

January 2001 Mobile Networks and Applications , Volume 6 Issue 1

Publisher: Kluwer Academic Publishers

Full text available: Pdf (490.10 KB) Additional Information: [full citation](#), [references](#), [index](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 40, Citation (

Keywords: TCP, internet access, measurement, performance, socket-interface, LAN

13 [Recent worms: a survey and trends](#)



Darrell M. Kienzie, Matthew C. Eider

October 2003 WORM '03: Proceedings of the 2003 ACM workshop on Rapid

Publisher: ACM

Full text available: Pdf (274.62 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 213, Citation (

In this paper, we present a broad overview of recent worm activity. Virus repositories, such as the Network Associates' Virus Information Library, contain different entries (through the first quarter of 2003). While many of these


Keywords: malicious code, survey

14

[A unified wireless LAN architecture for real-time and non-real-time communication services](#)

[Sunghyun Choi, Kang G. Shin](#)


February 2000 IEEE/ ACM Transactions on Networking (TON) , Volume 8
Publisher: IEEE Press

Full text available:  Pdf (298.12 KB) Additional Information: [full citation](#), [references](#), [cite review](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 94, Citation (


Keywords: MAC protocol, QoS-sensitive communication, admission tes
division duplexing (D-TDD), location-dependent errors, polling, priority
wireless LAN

15 [An empirical study of realvideo performance across the internet](#)

 [Yubing Wang, Mark Claypool, Zheng Zuo](#)

November 2001 I MW '01: Proceedings of the 1st ACM SIGCOMM Workshop
Measurement

Publisher: ACM

Full text available:  Pdf (4.30 MB) Additional Information: [full citation](#), [abstract](#), [referer terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 89, Citation (

The tremendous increase in computer power and bandwidth connectivity
growth of streaming video over the Internet to the desktop. While there
scale empirical studies of Internet, Web and multimedia traffic, the perf

16 [Distributed Interactive Ray Tracing of Dynamic Scenes](#)

[Ingo Wald, Carsten Benthin, Philipp Slusallek](#)

October 2003 PVG '03: Proceedings of the 2003 IEEE Symposium on Parall
Visualization and Graphics

Publisher: IEEE Computer Society

Full text available:  Pdf (503.86 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 110, Citatio

Recently developed interactive ray tracing systems combine the high pe
todays CPUs with new algorithms and implementations to achieve a flex
performance rendering system offering high-quality, but nonetheless ini
graphics. ...

Keywords: Interactive Ray Tracing, Distributed Rendering, Dynamic Sc
and Performance

17 [Xunet 2: lessons from an early wide-area ATM testbed](#)

[Charles R. Kalmanek, Srinivasan Keshav, William T. Marshall, Samuel P. M
Restrick, III](#)

February 1997 IEEE/ ACM Transactions on Networking (TON) , Volume 5
Publisher: IEEE Press

Full text available:  Pdf (231.69 KB) Additional Information: [full citation](#), [references](#), [inde](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 32, Citation (


Keywords: asynchronous transfer mode, available bit rate, constant bi
rate

[IP lookups using multiway and multicolumn search](#)

Butler Lampson, Venkatachary Srinivasan, George Varghese


June 1999 IEEE/ ACM Transactions on Networking (TON) , Volume 7 Issue

Publisher: IEEE Press

Full text available:  [Pdf](#) (173.06 KB) Additional Information: [full citation](#), [references](#), [cite](#), [review](#)


Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 56, Citation (

19 [Ad hoc-VCG: a truthful and cost-efficient routing protocol for mobile : with selfish agents](#)

 Luzi Anderegg, Stephan Eidenbenz

September 2003 MobiCom '03: Proceedings of the 9th annual international Mobile computing and networking

Publisher: ACM

Full text available:  [Pdf](#) (341.96 KB) Additional Information: [full citation](#), [abstract](#), [referen](#), [terms](#)

Bibliometrics: Downloads (6 Weeks): 29, Downloads (12 Months): 286, Citatio

We introduce a game-theoretic setting for routing in a mobile ad hoc ne consists of greedy, selfish agents who accept payments for forwarding c agents if the payments cover their individual costs incurred by forwardin


Keywords: VCG mechanism, ad hoc networks, energy efficiency, game mechanism design, routing, selfish agents

20 [ASN.1 protocol specification for use with arbitrary encoding schemes](#)

Duke Tantiprasut, John Neil, Craig Farrell

August 1997 IEEE/ ACM Transactions on Networking (TON) , Volume 5 Is

Publisher: IEEE Press





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